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| INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i> | | | | Docket Number (Optional) 022438-45889 | | Application Number 10/810,005 | |
| | | | | Applicant(s) Dana Gaddy | | Filing Date March 26, 2004 | |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | REF | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|-------------------|---------|-----------------|-----------------|------|-------|----------|----------------------------|
| AK | 6489445 | 12/3/2002 | Brunkow, et al. | 530 | 350 | | 9/21/2000 |
| AL | 5952182 | 9/14/1999 | Groome, et al. | 435 | 7.1 | | 5/22/1995 |
| AM | 5830671 | 11/3/1998 | Dennis, et al. | 435 | 7.8 | | 5/12/1997 |
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U.S. PATENT APPLICATION PUBLICATIONS

| *EXAMINER INITIAL | REF | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|-------------------|-------------|-----------------|--------------|------|-------|----------|----------------------------|
| AN | 20030015208 | 1/23/2003 | Lang, et al. | 128 | 922 | | 5/28/2002 |
| AO | 20010049360 | 12/6/2001 | Vale, et al. | 514 | 44 | | 12/15/2000 |
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FOREIGN PATENT DOCUMENTS

| REF | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | Transition | |
|-----|-----------------|-----------|---------|-------|----------|------------|----|
| | | | | | | YES | NO |
| AP | WO 87/05702 | 9/24/1987 | PCT | | | | ✓ |
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OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

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| EXAMINER | DATE CONSIDERED |
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

022438.45889

Application Number

10/810,005

Applicant(s)

Dana Gaddy

Filing Date

March 26, 2004

Group Art Unit

1646

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | REF | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILED DATE IF APPROPRIATE |
|-------------------|-----------|-----------------|--------------|------|-------|----------|---------------------------|
| | | | | | | | |
| AF | 6,692,744 | 02/17/2004 | Vale, et al. | 424 | 158.1 | | |
| AG | 6,455,262 | 09/24/2002 | Cox, et al. | 435 | 7.1 | | |
| AH | 4,737,578 | 04/12/1988 | Evans | 530 | 350 | | |
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U.S. PATENT APPLICATION PUBLICATIONS

| *EXAMINER INITIAL | REF | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILED DATE IF APPROPRIATE |
|-------------------|-------------|-----------------|-------------------|------|-------|----------|---------------------------|
| AI | 20040038285 | 02/26/2004 | Fukushima, et al. | 435 | 6 | | 09/09/2003 |
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| AJ | 20010055781 | 12/27/2001 | Groome, et al. | 435 | 7.92 | | 04/25/2001 |
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FOREIGN PATENT DOCUMENTS

| REF | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | Translation | |
|-----|-----------------|------|---------|-------|----------|-------------|----|
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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| FF | D. Gaddy-Kurten, et al. Inhibin Suppresses and Activin Stimulates Osteoblastogenesis and Osteoclastogenesis in Murine Bone Marrow Cultures, Endocrinology 143:74-83 (2002) |
| GG | Winter, et al. Inhibin is an Antagonist of Bone Morphogenetic Protein Signaling. Society for Biochemistry & Molecular Biology, Published 12/18/02 as manuscript M29710200 |

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| INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i> | | Docket Number (Optional) 022438.45889 | Application Number 10/810,005 |
| | | Applicant(s) Dana Gaddy | |
| | | Filing Date March 26, 2004 | Group Art Unit 1646 |
| | | *EXAMINER INITIAL OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | |
| HH | Shintani, et al. Potent induction of activin A secretion from monocytes and bone marrow stromal fibroblasts by cognate interaction with activated T cells 1: J. Leukoc. Biol. (2002) Aug., 72 (2): 347-52 | | |
| II | Ebeling, et al. Bone turnover markers and bone density across the menopausal transition 1: J. Clin. Endocrinol. Metab. (1996) Sept. 81 (9): 3366-71 | | |
| JJ | Hirotni, et al. Activin A increases the bone mass of grafted bone in C3H/HeJ mice 1: Calcif. Tissue Int. (2002) Apr. 70 (4): 330-8 | | |
| KK | Klein, et al. Decreased Inhibin B Secretion is Associated with the Monotropic FSH Rise in Older, Ovulatory Women: A Study of Serum and Follicular Fluid Levels of Diuretic Inhibin A and B in Spontaneous Menstrual Cycles J. Clin. Endocrinol Metab. 1996; 81(7):2742-5 | | |
| MM | Groome et al. Detection of Dimeric Inhibin Througbout the Human Menstrual Cycle by Two Site Enzyme Immunoassay Clinical Endocrinology (1994) 40, 717-23 | | |
| NN | Vale et al. Reproductive and Other Roles of Inhibins and Activins The Physiology of Reproduction, Second Ed. (1994) Chapter 34 | | |
| OO | Yu et al. Importance of FSH Releasing Protein and Inhibin in Erythrodifferentiation Nature p. 765, Vol. 330/34/31 Dec. (1987) | | |
| PP | Fujimoto et al. Purification of Megakaryocyte Differentiation Activity from a Human Fibrous Histiocytoma Cell Line: N-Terminal Sequence Homology with Activin A Biochemical & Biophysical Research Communications Vol. 174, No. 3, 1163-1168, No. 3 (1991) | | |
| QQ | Braxmeyer et al. Selective and Indirect Modulation of Human Multipotential and Crythroid Hematopoietic Progenitor Cell Proliferation by Recombinant Human Activin and Inhibin Proc. Nat. Adad. Sci. USA, Vol. 85, pp. 9052-9056, Dec. (1988) | | |
| RR | Yu et al. Detection of Functional and Dimeric Activin A in Human Marrow Microenvironment Ann NY Acad Sci (1994) 718:285-298 | | |
| SS | Bonewald et al. Role of Transforming Growth Factor Beta In Bone Remodeling Clinical Orthopaedics and Related Research (1990) 250:261-276 (16 pgs.) | | |
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| TT | Wozney The Bone Morphogenetic Protein Family and Osteogenesis Molecular Reproduction and Development 32:160-167(1992) | | |
| UU | Ogawa et al. Bovine Bone Activin Enhances Bone Morphogenetic Protein Induced Ectopic Bone Formation The Journal of Biological Chemistry, Vol. 267, No. 20, Issue 7/15, pp. 14233-14237 (1992) | | |
| VV | Funaba et al. Follicatin and Activin in Bone: Expression and Localization During Endochondral Bone Development Endocrinology, Vol. 137, No. 10, p. 4250 (1996) | | |
| WW | S. Inoue et al. Localization of Follicatin, an Activin-Binding Protein in Bone Tissues Calcif. Tissue Int. 55:395-397 (1994) | | |
| XX | Y. Oue et al. Effect of Local Injection of Activin A on Bone Formation in Newborn Rats Bone, Vol. 15, No. 3, pp. 361-366 (1994) | | |
| YY | Meunier, et al. Gonadal and Extragonadal Expression of Inhibin A α A and α B Subunits in Various Tissues Predicts Diverse Functions Proc. Nat. Acad. Sci. US, Vol. 85, pp. 247-251 (Jan. 1988) | | |
| ZZ | Ebeling, et al. Bone Turnover Markers and Bone Density Across the Menopausal Transition Journal of Clinical Endocrinology & Metabolism, Vol. 81, No. 9, p. 3366 (1996) | | |
| AB | S. Muttukrishna et al. Serum Concentrations of Dimeric Inhibin During the Spontaneous Human Menstrual Cycle and After Treatment with Exogenous Gonadotropin Human Reproduction Vol. 9, No. 9, pp. 1634-1642 (1994) | | |
| AC | Haynes, et al. Differential Control of Gonadotropin Secretion in the Human: Endocrine Role of Inhibin Journal of Clinical Endocrinology and Metabolism, Vol. 83, No. 6, p. 1835 | | |
| AD | Winter et al. Inhibin is an Antagonist of Bone Morphogenetic Protein Signaling J. Bio. Chem. 2003; 278(10): 7934-41 | | |
| AE | Pangas et al. Production and Purification of Recombinant Human Inhibin and Activin Journal of Endocrinology (2002) 172, 199-210 | | |
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